

Second International Conference  
On  
*Computing, Communications, and Cyber-Security (IC4S-2020)*  
03-04<sup>th</sup> October, 2020  
IET, DELHI, INDIA

## **SPECIAL SESSION ON EMERGING COMPUTING AND COMMUNICATION TECHNOLOGIES (SS\_ECCT)**



**Invitation for Research Paper in Scopus Indexed**

**Second International Conference- IC4S-2020 Proceedings will be  
indexed in DBLP and Scopus**

**03<sup>rd</sup> -04<sup>th</sup> October, 2020 (Venue: IET, DELHI)**

**Proceedings of First International Conference-IC4S-2019 in LNNS Springer  
available online:**

<https://www.springer.com/gp/book/9789811533686>

**Publication in Springer Lecture Notes in Networks and Systems**



<https://www.springer.com/series/15179>

**Technical Sponsors: SETIT (Tunisia), Southern Federal University (Russia)**

**Paper Submission Deadline: 30<sup>th</sup> June, 2020**

**Paper submission Link:** <https://easychair.org/conferences/?conf=ic4s2020>

(Through Easy Chair Only)

**Conference Website:** <http://ic4s.co.in/ic4s-2020/>

**PUBLICATION: SELECTED PAPERS WILL BE SUBMITTED TO PUBLISHING PARTNER, SPRINGER LNNS SERIES FOR PUBLICATION. SPRINGER LNNS SERIES IS INDEXED WITH SCOPUS AND DBLP.**

## **SESSION CHAIRS**

**Dr Samayveer Singh**  
**Assistant Professor**  
**Department of Computer Science & Engineering**  
**Dr B R Ambedkar National Institute of Technology Jalandhar**  
**Punjab India**

**Dr Rajeev Kumar, PDF**  
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**Kyungil University,**  
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**Dr Aruna Malik**  
**Assistant Professor**  
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**Dr B R Ambedkar National Institute of Technology Jalandhar**  
**Punjab India**

## **AIMS & SCOPE**

In the today's era, recent emerging Computing and Communication Technologies play a vital role in the various applications such as health care, smart cities, business, entertainment and their security. This special session will cover the novel ideas based on algorithms, tools, architectures, communication challenges and future research aspects in Emerging Computing and Communication Technologies. Topics of interest include are as follows: Network and Computing Technologies, Internet of Things (IoT) enabled Wireless Networks, Futuristic Computing Technologies such as Edge and Cloud Computing, Communication Technologies, Security Mechanisms for Communication system etc.

Keeping in view of the need of technological advancements in different enabling domains related to computing and communication, this special issue provides a platform to the research, academia and industrial technocrats to present their ideas and solutions from various perspectives related to computing and communication. Thus, for this special issue, the deeply investigated works describing both theoretical and practical evaluations related to the design, analysis and implementation of secure and sustainable computing and communication technologies are invited. Some of the desired topics include, but are not limited to the following:

- Internet of Things (IoT) enabled Wireless Networks
- Edge as a service in smart communities.
- Cloud and big data technologies
- IoT Services, Architectures & Protocols
- Implementation and deployment of real-time test beds.
- Data collection, analytics, processing and delivery.
- Distributed caching and security protocols.
- Opportunistic and Cognitive Radio Networks
- Content dissemination and named data networks for smart communities.
- Advanced caching and content delivery technologies
- Security, integrity and privacy solutions
- Energy-aware and sustainable solutions.
- Energy-efficient computing, processing and analysis.

- Energy harvesting and wireless energy transfer.
- Trust management and collaborative solutions.
- Lightweight blockchain solutions for IoT applications.
- Smart contracts and consortium Blockchains for drone enabled consumer applications.
- Software defined networks and network service chaining for IoT.
- Artificial Intelligence in IoT operations and autonomy.
- IoT architectures and protocols of drone communication.
- Cyber Physical Systems, Security & Privacy in Computing Technologies
- Cyber Security and Malware protection
- Security in Mobile Networks
- Speech/Image/Video Processing and its applications
- Security in Communication Systems and Data Hiding in Image and Text

**PAPER SUBMISSION PROCESS:**

Paper Submission Process:

**Please submit your paper (in word/pdf format) at following emails:**

Email: samays@nitj.ac.in with Subject Line “**Research Paper for Special Session SS\_01-IC4S-2020**” from your email.

You may upload the paper through easy chair on the conference website. Details are as follows;

<https://easychair.org/conferences/?conf=ic4s2020>

For any further queries related to this special session, please contact the session chair at:

**Session Chair: Dr Samayveer Singh**

**Email ID: samays@nitj.ac.in**

**Mobile No.: +91-9953741966**

**Important Dates:**

<b>Submission of Full Papers Deadline</b>	30th June, 2020
<b>Notification of Acceptance Deadline</b>	15th Aug, 2020
<b>Submission of Accepted Camera-Ready Papers Deadline</b>	30th Aug, 2020
<b>Author's Registration Deadline</b>	05th Sept, 2020
<b>Conference Dates</b>	03rd-04th October, 2020

**Technical Program Committee (TPC):**

**List of Members from India & Abroad (Consented already)**

- Prof Satish Chand, JNU New Delhi, India
- Prof Bijendra Kumar, NSIT New Delhi, India
- Prof K H Jung, Kyungil University, South Korea
- Dr Perveen Malik, NIT Jalandhar, India
- Dr Vinit jakhetiya, IIT Jammu, India
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**Silent features of conference**

- **10% additional discount to all authors of IC4S-2019.**
- **Track-wise “Best Paper Award” along with certificates to all the authors**
- **Attractive Prizes worth Up to 20,000\* like the previous versions for Best Papers.**
- **A local tour of the capital of India Delhi is also organized during the conference for all dignitaries.**
- **Skype presentation based on specific request separately**
- **Low cost registration amount for the Indian Students (IITs/NITs/Central Universities/Institute of premier repute)**